

CONTROLLING THE EXTINCTION RATIO
OF OPTICAL TRANSMITTERS

ABSTRACT OF THE DISCLOSURE

5 A system and method for stabilizing an extinction ratio for an optical
transmitter that uses a laser diode that is modulated by a laser driver, the scheme
having a modulating current and a bias current, wherein a portion of the bias
current is fed forward into the modulating current to stabilize the extinction ratio
and thereby improve a laser's performance over time and with increases in
temperature.